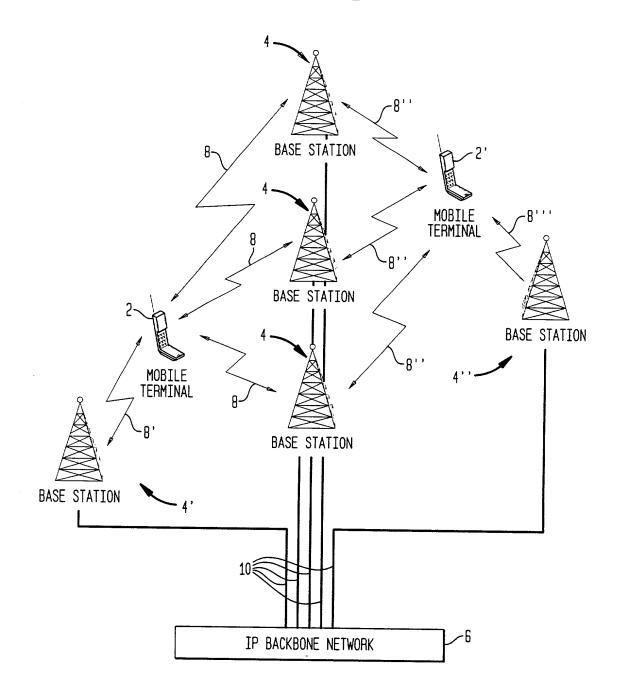
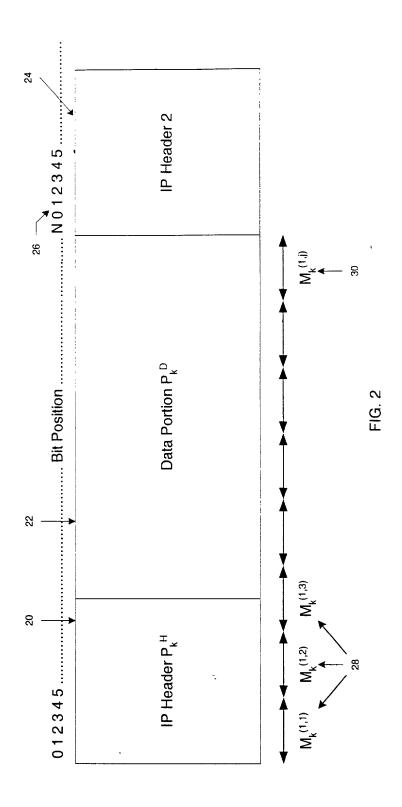
FIG. 1





A plurality of "b" redundant IP data packets is received by either a single mobile terminal for the forward link, or by "b" individual base stations, respectively, on the reverse link. Mobile terminal or each base station divides the received IP data segment(s) into "j" individual time intervals or IP data segments. Mobile terminal or each base station selects the metric standard used to determine the quality of the individual IP data segments. Mobile terminal or each base station determines the quality value of each individual IP data segment using the selected quality metric. The quality values for each IP data segment are packaged as a j-valued quality vector Mk wherein each vector element corresponds to the quality value of the corresponding IP data segment. Mobile terminal or each base station determines the bit mapping vector T(t).

FIG. 3

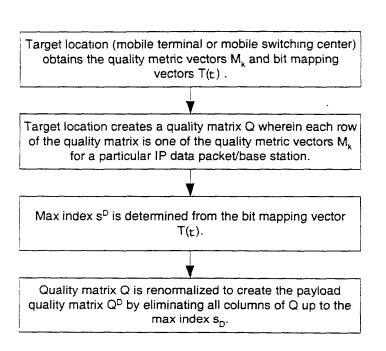


FIG. 4

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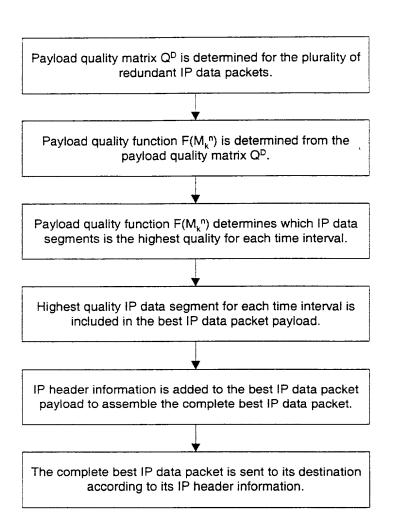


FIG. 5